

COMPUTER PROGRAMMING II**1st Homework Assignment****Due on: April 19, 2022**

Two integers are said to be amicable or friendly if each number is the sum of all the possible divisors of the other. One such pair is 220 and 284. Since the possible divisors of 220 are 1, 2, 4, 5, 10, 11, 20, 22, 44, 55, and 110 which sum to 284 and the possible divisors of 284 are 1, 2, 4, 71, and 142 which sum to 220, then 220 and 284 are said to be friendly. Implement a solution in C++ to find a pair of friendly numbers such that both integers are greater than 1100 and less than 1300.

IMPORTANT

- Academic dishonesty, including but not limited to cheating, plagiarism, and collaboration, is unacceptable and subject to disciplinary action. Any student found guilty will have a grade of F. Assignments are due in class on the due date. Late assignments will generally not be accepted. Any exception must be approved. Approved late assignments are subject to a grade penalty.